

31st Floor

50 Broadway New York, NY 10004

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

ADAMS & WILKS

04/06/2004

12004

EXAMINER

YOUNG, CHRISTOPHER G

ART UNIT

PAPER NUMBER

1756

DATE MAILED: 04/06/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/016,830	12/13/2001	Ryoji Hagiwara	S004-4504	7493

TITLE OF INVENTION: CHARGED PARTICLE PROCESSING FOR FORMING PATTERN BOUNDARIES AT A UNIFORM THICKNESS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/06/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u>

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where

indicated unless corrected be maintenance fee notification	respondence including the F below or directed otherwise is.	in Block 1, by (a) specify	ing a new correspo	ondence addres	s; and/or (b) indicating a sepa	arate "FEE ADDRESS" for
CURRENT CORRESPONDENC	E ADDRESS (Note: Legibly mark-up	with any corrections or use Block 1	Note:	A certificate of	of mailing can only be used for	or domestic mailings of the
	0.4/0.5/0.0.4		papers	Each addition	of mailing can only be used for his certificate cannot be used that paper, such as an assignment	ent or formal drawing, must
	90 04/06/2004		nave i	is own ceruiica	ite of maning or transmission.	
ADAMS & WILI 31st Floor 50 Broadway	XS .		States addres	by certify that Postal Service sed to the Ma	ertificate of Mailing or Trans this Fee(s) Transmittal is bein with sufficient postage for fin ail Stop ISSUE FEE address	g deposited with the United st class mail in an envelope above, or being facsimile
New York, NY 100	004	•	transn	itted to the US	PTO, on the date indicated bel	(Depositor's name)
			<u> </u>		, , , , , , , , , , , , , , , , , , , ,	(Signature)
			-			(Date)
						(Date)
APPLICATION NO.	FILING DATE	FIRST NA	MED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/016,830	12/13/2001	Ryo	oji Hagiwara		S004-4504	7493
TITLE OF INVENTION: C	HARGED PARTICLE PROC	CESSING FOR FORMING	FATTERN BOUN	IDARIES AT A	A UNIFORM THICKNESS	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICA	TION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$:	300	\$1630	07/06/2004
EXAM	INER	ART UNIT	CLASS-S	UBCLASS		
YOUNG, CHR	ISTOPHER G	1756	430-0	30000		
CFR 1.363). Change of corresponde Address form PTO/SB/12 Tee Address" indicating PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submittee (A) NAME OF ASSIGNITED Please check the appropriate 4a. The following fee(s) are Insue Fee Advance Order - # of the Advance Orde	assignee category or categorenclosed:	names agents firm (agents on form of a Customer will be PRINTED ON THE PAT ow, no assignee data will aubmitted under separate co (B) RESID (B) RESID (C) A che Paymer A che Paymer C) A che Paymer C) The Deposit	the patent); at of Fee(s): ack in the amount of ent by credit card. I Director is hereby Account Number	stered patent , (2) the name her a registered f up to 2 regis o name is liste t. Inclusion of this form is NC STATE OR CC individual f the fee(s) is er Form PTO-2033 authorized by co	attorneys or 1 e of a single d attorney or 2 stered patent ed, no name assignee data is only approprious aubstitute for filing an ass DUNTRY) corporation or other private granclosed.	roup entity government credit any overpayment, to opy of this form).
(Authorized Signature)		(Date)				
other than the applicant; interest as shown by the rec	Publication Fee (if require a registered attorney or age cords of the United States Pa	nt; or the assignee or oth tent and Trademark Office.	er party in			
obtain or retain a benefit lapplication. Confidentiality estimated to take 12 minut completed application for case. Any comments on suggestions for reducing the Patent and Trademark (22313-1450. DO NOT S SEND TO: Commissioner	tion is required by 37 CFR by the public which is to fil vis governed by 35 U.S.C. It is to complete, including gan to the USPTO. Time will the amount of time you rhis burden, should be sent to office, U.S. Department CEND FEES OR COMPLE for Patents, Alexandria, Virguation Act of 1995, no p	e (and by the USPTO to 22 and 37 CFR 1.14. This of thering, preparing, and subtary depending upon the equire to complete this fo the Chief Information Off Commerce, Alexandria TED FORMS TO THIS arina 22313-1450.	process) an collection is somitting the condition and/or fficer, U.S. a, Virginia ADDRESS.			



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
2/13/2001	Ryoji Hagiwara	S004-4504	7493	
04/06/2004		EXAM	EXAMINER	
		YOUNG, CHR	ISTOPHER G	
		ART UNIT	PAPER NUMBER	
		1756		
		, , ,	04/06/2004 EXAM YOUNG, CHR	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 71 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 71 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.